

Amendments to the Claims

1. (Currently Amended) A method of creating a personal Web view comprising:

creating a plurality of Web clippings, the personal view comprising a plurality of Web clippings, each Web clipping containing information from an associated one of a corresponding plurality of Web pages, each Web page being selected by a user from essentially any accessible Web page on any Web server, each of the plurality of Web clippings being created by:

generating an access script to automatically retrieve the Web page associated with the Web clipping;

generating an extraction expression to extract one or more user-selected information elements from the Web page associated with the Web clipping; and

incorporating the access script and the extraction expression into a specification of the associated Web clipping;

incorporating the specification of each Web clipping into a specification of the Web view; and

storing the specification of the Web view, wherein when the stored specification of the Web view is later replayed and active, the plurality of Web pages are automatically retrieved and the selected one or more information elements from each Web page are extracted and incorporated into each associated Web clipping and the plurality of Web clippings are combined for display in a browser,

wherein the extraction expression generated for at least one Web clipping includes redundancy to insure that when the Web view is later replayed the ~~one or more information elements extracted from the retrieved Web page that is associated with the at least one Web clipping are the actual user selected information elements~~ information contained in the at least one Web clipping is information originally selected by the user to be included in the Web view when the Web view was created.

2. (Original) The method of claim 1 wherein at least one of the Web pages is directly retrievable through a specified URL which is incorporated into the access script to retrieve that Web page.

3. (Original) The method of claim 1 wherein at least one of Web pages is retrievable through a specified site description which is incorporated into the access script to retrieve that Web page.

4. (Original) The method of claim 1 wherein at least one of the Web pages is retrievable through a specified a smart bookmark which is incorporated into the access script to retrieve that Web page.

5. (Original) The method of claim 1 wherein a layout of the Web clippings within the personal Web view is incorporated in the specification of the Web view.

6. (Original) The method of claim 1 wherein the extraction expression generated for one or more of the Web clippings comprises a DOM address of one or more information elements extracted from the retrieved one Web page associated with the one Web clipping.

7. (Original) The method of claim 1 wherein the extraction expression generated for one or more of the Web clippings comprises an XPATH expression of one or more information elements extracted from the retrieved one Web page associated with the one Web clipping.

8. (Cancelled)

9. (Previously Presented) The method of claim 1 wherein the redundancy comprises at least one string that is associated with the one or more information elements extracted from the retrieved Web page associated with the at least one Web clipping.

10. (Currently Amended) A method of displaying a personal Web view comprising:

accessing a specification of the personal Web view, the Web view comprising a plurality of Web clippings, each Web clipping containing information from an associated one of a corresponding plurality of Web pages that have had previously been individually selected by a user from essentially any accessible

Web page on any Web server, the specification of the personal Web view

containing a specification for each of the plurality of Web clippings;

automatically retrieving the Web page associated with each Web clipping
in accordance with an access script for retrieving that Web page that is
associated with the specification of the Web clipping;

extracting one or more user-selected information elements from each Web
page in accordance with an extraction expression in the specification of each
associated Web clipping to create a displayable Web clipping containing those
elements, the extraction expression associated with each Web clipping indicating
the one or more user-selected information elements from the associated Web
page to be included in the Web clipping; and

combining and displaying in a browser the plurality of Web clippings
containing the extracted information elements from the plurality of associated
retrieved Web pages,

wherein the extraction expression in at least one Web clipping includes
redundancy to insure that when displaying the Web view the one or more
~~information elements extracted from the Web page that is associated with the at~~
~~least one Web clipping are the actual user selected information elements the at~~
at least one Web clipping is displayed in the browser information contained in the at
least one Web clipping is information originally selected by the user to be
included in the Web view when the Web view was created.

11. (Original) The method of claim 10 wherein the access script for at least one of the Web pages directly retrieves the Web page through a specified URL.

12. (Original) The method of claim 10 wherein the access script for at least one of the Web pages retrieves the Web page through a specified site description.

13. (Original) The method of claim 10 wherein the access script for at least one of the Web pages retrieves the Web page through a specified smart bookmark.

14. (Original) The method of claim 10 wherein the Web clippings are displayed in the Web view in the browser in accordance with a layout specified in the specification of the Web view.

15. (Original) The method of claim 10 wherein the extraction expression in one or more of the Web clippings comprises a DOM address of one or more user-selected information elements to be extracted from the one Web page associated with the one Web clipping.

16. (Original) The method of claim 10 wherein the extraction expression in one or more of the Web clippings comprises an XPATH expression of one or more user-selected information elements to be extracted from the one Web page associated with the one Web clipping.

17. (Cancelled)

18. (Previously Presented) The method of claim 10 wherein the redundancy comprises at least one string that is associated with the one or more information elements extracted from the retrieved Web page associated with the at least one Web clipping.

19. (Currently Amended) Apparatus for creating a personal Web view comprising:

means for creating each of a plurality of Web clippings, the personal Web view comprising a plurality of Web clippings, each Web clipping containing information from an associated one of a plurality of Web pages, each Web page being selected by a user from essentially any accessible Web page on any Web server, said means for creating comprising:

means for generating an individual access script to automatically retrieve each Web page associated with each Web clipping;

means for generating an individual extraction expression to extract one or more user-selected information elements from each Web page associated with each Web clipping; and

means for incorporating the individual access script and extraction expression for each Web clipping into a specification of the Web clipping;

means for incorporating the specifications of each of the Web clippings into a specification of the Web view; and

means for storing the specification of the Web view, wherein when the stored specification of the Web view is later replayed and active, the plurality of Web pages are automatically retrieved and the user-selected one or more information elements from each Web page are extracted and incorporated into each associated Web clipping and the plurality of Web clippings are combined for display in a browser,

wherein the extraction expression generated for at least one Web clipping includes redundancy to insure that when the Web view is later replayed ~~the one or more information elements extracted from the retrieved Web page that is associated with the at least one Web clipping are the actual user selected information elements~~ information contained in the at least one Web clipping is information originally selected by the user to be included in the at Web view when the Web view was created.

20. (Original) The apparatus of claim 19 wherein at least one of the Web pages is directly retrievable through a specified URL which is incorporated into the access script to retrieve that Web page.

21. (Original) The apparatus of claim 19 wherein at least one of the Web pages is directly retrievable through a specified site description which is incorporated into the access script to retrieve that page.

22. (Original) The apparatus of claim 19 wherein at least one of the Web pages is directly retrievable through a specified smart bookmark which is incorporated into the script to retrieve that page.

23. (Original) The apparatus of claim 19 wherein a layout of the plurality of Web clippings within the personal Web view is incorporated in the specification of the Web view.

24. (Original) The apparatus of claim 19 wherein the extraction expression in one or more of the Web clippings comprises a DOM address of one or more user-selected information elements extracted from the one Web page associated with the one Web clipping.

25. (Original) The apparatus of claim 19 wherein the extraction expression in one or more of the Web clippings comprises an XPATH expression

of one or more user-selected information elements extracted from the one Web page associated with the one Web clipping.

26. (Cancelled)

27. (Previously Presented) The apparatus of claim 19 wherein the redundancy comprises at least one string that is associated with the one or more information elements extracted from the retrieved Web page associated with the at least one Web clipping.

28. (Currently Amended) Apparatus for displaying a personal Web view comprising a plurality of Web clippings, each Web clipping containing information from an associated one of a plurality of Web pages, the apparatus comprising:

means for accessing a specification of the personal Web view, the Web view comprising a plurality of Web clippings, each Web clipping containing information from an associated one of a corresponding plurality of Web pages that have had previously been individually selected by a user from essentially any accessible Web page on any Web server, the specification of the personal view containing a specification for each of the plurality of Web clippings;

means for automatically retrieving the Web page associated with each Web clipping in accordance with an access script for retrieving that Web page that is associated with the specification of the Web clipping;

means for extracting one or more user-selected information elements in each Web page in accordance with an extraction expression in the specification of each associated Web clipping to create a displayable Web clipping containing those elements; and

means for combining and displaying in a browser the plurality of Web clippings containing the extracted information elements from the plurality of associated retrieved Web pages,

wherein the extraction expression in at least one Web clipping includes redundancy to insure that when ~~the Web view is displayed the one or more information elements extracted from the retrieved Web page associated with the at least one Web clipping are the actual user selected information elements the at least one Web clipping is displayed in the browser information contained in the at least one Web clipping is information originally selected by the user to be included the Web view when the Web view was created.~~

29. (Original) The apparatus of claim 28 wherein the access script for at least one of the Web pages directly retrieves the Web page through a specified URL.

30. (Original) The apparatus of claim 28 wherein the access script for at least one of the Web pages retrieves the Web page through a specified site description.

31. (Original) The apparatus of claim 28 wherein the access script for at least one of the Web pages retrieves the Web page through a specified smart bookmark.

32. (Original) The apparatus of claim 28 wherein the plurality of Web clippings are displayed in the Web view in the browser in accordance with a layout specified in the specification of the Web view.

33. (Original) The apparatus of claim 28 wherein the extraction expression in one or more of the Web clippings comprises a DOM address of one or more user-selected information elements extracted from the one Web page associated with the one Web clipping.

34. (Original) The apparatus of claim 28 wherein the extraction expression in one or more of the Web clippings comprises an XPATH expression of one or more user-selected information elements extracted from the one Web page associated with the one Web clipping.

35. (Cancelled)

36. (Previously Presented) The apparatus of claim 28 wherein the redundancy comprises at least one string that is associated with the one or more

information elements to be extracted from the retrieved Web page associated with the at least one Web clipping.

37 – 45. (Cancelled)

46. (Currently Amended) A computer readable media tangibly embodying a program of instructions executable by a computer to perform a method for creating a personal Web view, the method comprising:

creating a plurality of Web clippings, the personal view comprising a plurality of Web clippings, each Web clipping containing information from an associated one of a corresponding plurality of Web pages, each Web page being selected by a user from essentially any accessible Web page on any Web server, each of the plurality of Web clippings being created by:

generating an access script to automatically retrieve the Web page associated with the Web clipping;

generating an extraction expression to extract one or more user-selected information elements from the Web page associated with the Web clipping; and

incorporating the access script and the extraction expression into a specification of the associated Web clipping;

incorporating the specification of each Web clipping into a specification of the Web view; and

storing the specification of the Web view, wherein when the stored specification of the Web view is later replayed and active, the plurality of Web pages are automatically retrieved and the selected one or more information elements from each Web page are extracted and incorporated into each associated Web clipping and the plurality of Web clippings are combined for display in a browser,

wherein in the method the extraction expression generated for at least one Web clipping includes redundancy to insure that when the Web view is later replayed ~~the one or more information elements extracted from the retrieved Web page that is associated with the at least one Web clipping are the actual user-selected information elements~~ information contained in the at least one Web clipping is information originally selected by the user to be included in the Web view when the Web view was created.

47. (Original) The media of claim 46 wherein in the method at least one of the Web pages is directly retrievable through a specified URL which is incorporated into the access script to retrieve that Web page.

48. (Original) The media of claim 46 wherein in the method at least one of specified Web pages is retrievable through a specified site description which is incorporated into the access script to retrieve that Web page.

49. (Original) The media of claim 46 wherein in the method at least one of the Web pages is retrievable through a specified a smart bookmark which is incorporated into the access script to access that Web page.

50. (Original) The media of claim 46 wherein in the method a layout of the plurality of Web clippings within the personal Web view is incorporated in the specification of the Web view.

51. (Original) The media of claim 46 wherein in the method the extraction expression generated for one or more of the Web clippings comprises a DOM address of one or more information elements extracted from the retrieved one Web page associated with the one Web clipping.

52. (Original) The media of claim 46 wherein in the method the extraction expression generated for one or more of the Web clippings comprises an XPATH expression of one or more information elements extracted from the retrieved one Web page associated with the one Web clipping.

53. (Cancelled)

54. (Previously Presented) The media of claim 46 wherein in the method the redundancy comprises at least one string that is associated with one

or more information elements extracted from the retrieved Web page associated with the at least one Web clipping.

55. (Currently Amended) A computer readable media tangibly embodying a program of instructions executable by a computer to perform a method for displaying a personal Web view, the method comprising:

accessing a specification of the personal Web view, the Web view comprising a plurality of Web clippings, each Web clipping containing information from an associated one of a corresponding plurality of Web pages that have had previously been individually selected by a user from essentially any accessible Web page on any Web server, the specification of the personal Web view containing a specification for each of the plurality of Web clippings;

automatically retrieving the Web page associated with each Web clipping in accordance with an access script for retrieving that Web page that is associated with the specification of the Web clipping;

extracting one or more user-selected information elements from each Web page in accordance with an extraction expression in the specification of each associated Web clipping to create a displayable Web clipping containing those elements, the extraction expression associated with each Web clipping indicating the one or more user-selected information elements on the associated Web page to be included in the Web clipping; and

combining and displaying in a browser the plurality of Web clippings containing the extracted information elements from the plurality of associated retrieved Web pages,

wherein the extraction expression in at least one Web clipping includes redundancy to insure that when displaying the Web view the one or more ~~information elements extracted from the Web page that is associated with the at least one Web clipping are the actual user selected information elements~~ the at least one Web clipping is displayed in the browser information contained in the at least one Web clipping is information originally selected by the user to be in the Web view when the Web view was created.

56. (Original) The media of claim 55 wherein in the method the access script for at least one of the Web pages directly retrieves the Web page through a specified URL.

57. (Original) The media of claim 55 wherein in the method the access script for at least one of the Web pages directly retrieves the Web page through a specified site description.

58. (Original) The media of claim 55 wherein in the method the access script for at least one of the Web pages directly retrieves the Web page through a specified smart bookmark.

59. (Original) The media of claim 55 wherein in the method the information in the plurality of Web clippings is displayed in the browser in accordance with a layout specified in the specification of the Web view.

60. (Original) The media of claim 55 wherein in the method the extraction expression in one or more of the Web clippings comprises a DOM address of one or more user-selected information elements extracted from the one Web page associated with the one Web clipping.

61. (Original) The media of claim 55 wherein in the method the extraction expression in one or more of the Web clippings comprises an XPATH expression of one or more user-selected information elements extracted from the one Web page associated with the one Web clipping.

62. (Cancelled)

63. (Previously Presented) The media of claim 55 wherein in the method the redundancy comprises at least one string that is associated with the one or more information elements to be extracted from the retrieved Web page associated with the at least one Web clipping.

64 – 81. (Cancelled)

82. (Previously Presented) The method of claim 1 wherein the specification of at least one Web clipping also incorporates an associated user-specified or default refresh rate so that when the stored specification of the Web view is replayed and active, the Web page associated with the at least one Web clipping that has an associated refresh rate is automatically and independently retrieved at that rate to refresh the information in that Web clipping from that Web page in the Web view.

83. (Previously Presented) The method of claim 10 wherein the specification of at least one Web clipping also incorporates an associated user-specified or default refresh rate so that when the plurality of Web clippings are combined and displayed in a browser, the Web page associated with the at least one Web clipping that has an associated refresh rate is automatically and independently retrieved at that rate to refresh the information in that at least one Web clipping from that Web page in the Web view.

84. (Previously Presented) The apparatus of claim 19 wherein the specification of at least one Web clipping also incorporates an associated user-specified or default refresh rate so that when the stored specification of the Web view is replayed and active, the Web page associated with the at least one Web clipping that has an associated refresh rate is automatically and independently retrieved at that rate to refresh the information in that Web clipping from that Web page in the Web view.

85. (Previously Presented) The apparatus of claim 28 wherein the specification of at least one Web clipping also incorporates an associated user-specified or default refresh rate so that when the plurality of Web clippings are combined and displayed in a browser, the Web page associated with the at least one Web clipping that has an associated refresh rate is automatically and independently retrieved at that rate to refresh the information in that at least one Web clipping from that Web page in the Web view.

86. (Cancelled)

87. (Previously Presented) The media of claim 46 wherein in the method the specification of at least one Web clipping also incorporates an associated user-specified or default refresh rate so that when the stored specification of the Web view is replayed and active, the Web page associated with the at least one Web clipping that has an associated refresh rate is automatically and independently retrieved at that rate to refresh the information in that Web clipping from that Web page in the Web view.

88. (Previously Presented) The media of claim 55 wherein in the method the specification of at least one Web clipping also incorporates an associated user-specified or default refresh rate so that when the plurality of Web clippings are combined and displayed in a browser, the Web page associated

with the at least one Web clipping that has an associated refresh rate is automatically and independently retrieved at that rate to refresh the information in that at least one Web clipping from that Web page in the Web view.

89 – 90. (Cancelled)